

```

1  ATRRYYLGA V ELSWDYMQSD LGELPVDARF PPRVPKSFPF NTSVVYKCTL
51 FVEFTVHLFN IAKPRPPWMG LLGPTIQAEV YDTVVITLKN MASHPVSLHA
101 VGVSYWKASE GAEYDDQTSQ REKEDDKVFP GGSHTYVWQV LKENGPMASD
151 PLCLTYSYLS HVDLVKDLNS GLIGALLVCR EGSLAKEKTQ TLHKFILLFA
201 VFDEGKSWHS ETKNSLMQDR DAASARAWPK MHTVNGYVNR SLPGLIGCHR
251 KSVYWHVIGM GTTPEVHSIF LEGHTFLVRN HRQASLEISP ITFLTAQTLL
301 MDLGQFLLFC HISSHQHDGM EAYVKVDSCP EEPQLRMKNN EEAEDYDDDL
351 TDSEMDVVRF DDDNSPSFIQ IRSVAKKHPK TWVHYIAAEE EDWDYAPLVL
401 APDDRSYKSQ YLNNGPQRIG RKYKKVRFMA YDDEFKTR EAIQESGILG
451 PLYGEVGDT LLIIFKNQAS RPYNIYPHGI TDVRPLYSR LPKGVKHLKD
501 FPILPGEIFK YKWTVTVEDG PTKSDPRCLT RYSSSFVNME RDLASGLIGP
551 LLYCYKESVD QRGNQIMSDK RNVILFSVFD ENRSWYLTEN IQRFLPNPAG
601 VQLEDPEFQA SNIMHSINGY VFDSLQLSVC LHEVAYWYIL SIGAQTDFLS
651 VFFSGYTFKH KMYEDTLTL FPFSGETVFM SMENPGLWIL GCHNSDFRNR
701 GMTALLKVSS CDKNTGDYEE DSYEDISAYL LSKNNAIEPR SFSQNPPVLK
751 RHQREITRTT LQSDQEEIDY DDTISVEMKK EDFDIYDEDE NQSPRSFQKK
801 TRHYFIAAVE RLWDYGMSSS PHVLRNRAQS GSVPPQFKKV FQFTDGSFT
851 QPLYRGELNE HLGLLGPYIR AEVEDNIMVT FRNQASRPYS FYSSLISYEE
901 DQRQGAEPK NFKVPNETKT YFWKVQHMA PTKDEFDCKA WAYFSDVDLE
951 KDVHSGLIGP LLVCHTNTLN PAHGRQVTQ EFALFFTIFD ETKSWYFTEN
1001 MERNCRAPCN IQMEDPTFKE NYRFHAINGY IMDTLPGLVM AQDQIRRWYL
1051 LSMGSNENIH SIHFSGHVFT VRKKEEYKMA LYNLYPGVFE TVEMLPSKAG
1101 IWRVECLIGE HLHAGMSTLF LVYSNKCQTP LGMASGHIRD FQITASGQYG
1151 QWAPKLARLH YSGSINAWST KEPFSWIKVD LLAPMIIHGI KTQGARQKFS
1201 SLYISQFIIM YSLDGKKWQT YRGNSTGTLM VFFGNVDSSG IKHNI FNPPI
1251 IARYIRLHPT HYSIRSTLRM ELMGCDLNSC SMP LGMESKA ISDAQITASS
1301 YFTNMFATWS PSKARLHLQG RSNAWRPQVN NPKEWLQVDF QKTMKVTGVT
1351 TQGVKSLTTS MYVKEFLISS SQDGHQWTLF FQNGKVKVFQ GNQDSFTPVV
1401 NSLDPPLLTR YLRIHPQSWV HQIALRMEVL GCEAQDLY

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Fig. 1

GGCAATGGAG CGTGAAGAAG GGCCCCAGGG CTGACCCCGG CAAACGTGAC (50)
CCGGGGGCTCC GGGGTGACCC AGGCAAGCGT GGCCAAGGGG CCCGTGGGTG (100)
ACACAGGCAA CCCTGACAAA GGCCCCCAG GAAAGACCCC CGGGGGGCAT (150)
CGGGGGGGTG TTGGCGGGTC ATGGGGGGGG CGGGTCATGC CGCGCATTC (200)
TGGAAAAAGT GGAGGGGGCG TGGCCTTCCC CCCGCGGCC CCTAGCCCCC (250)
CCGCAGAGAG CGGCGCAACG GCGGGCGAGC GGCGGGGGGT CGGGGTCCGC (300)
GGGCTCCGGG GGCTGCGGGC GGTGGATGGC GGCTGGCGTT CCGGGGATCG (350)
GGGGGGGGTC GGGGGGCGCT GCGCGGGCGC AGCCATGCGT GACCGTGATG (400)
AG (402)

Fig._2

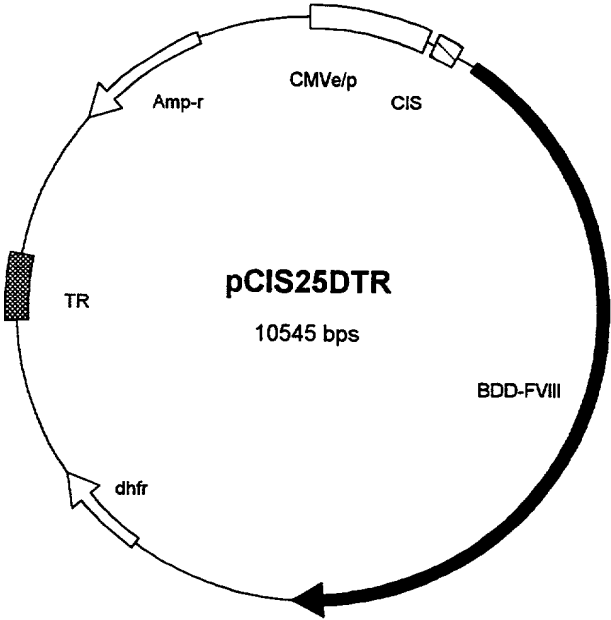


Fig._3

Fig. 4A

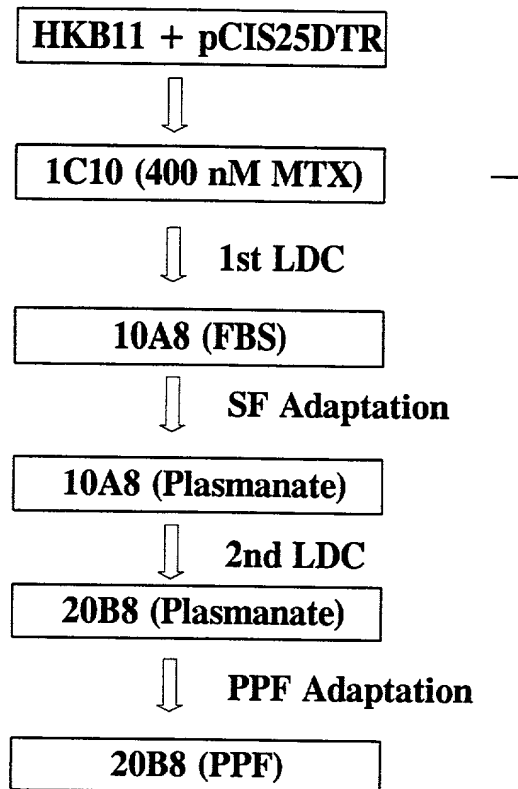
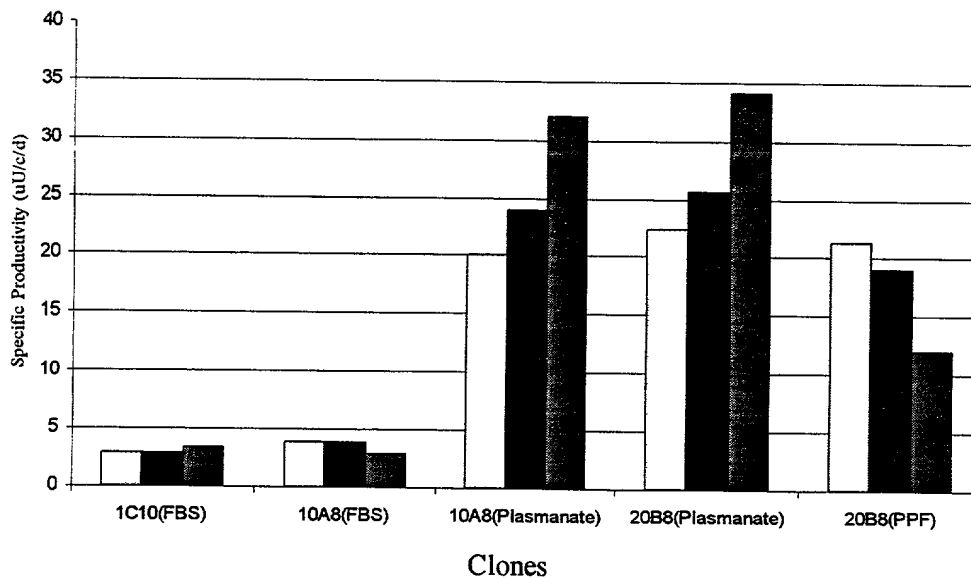


Fig. 4B



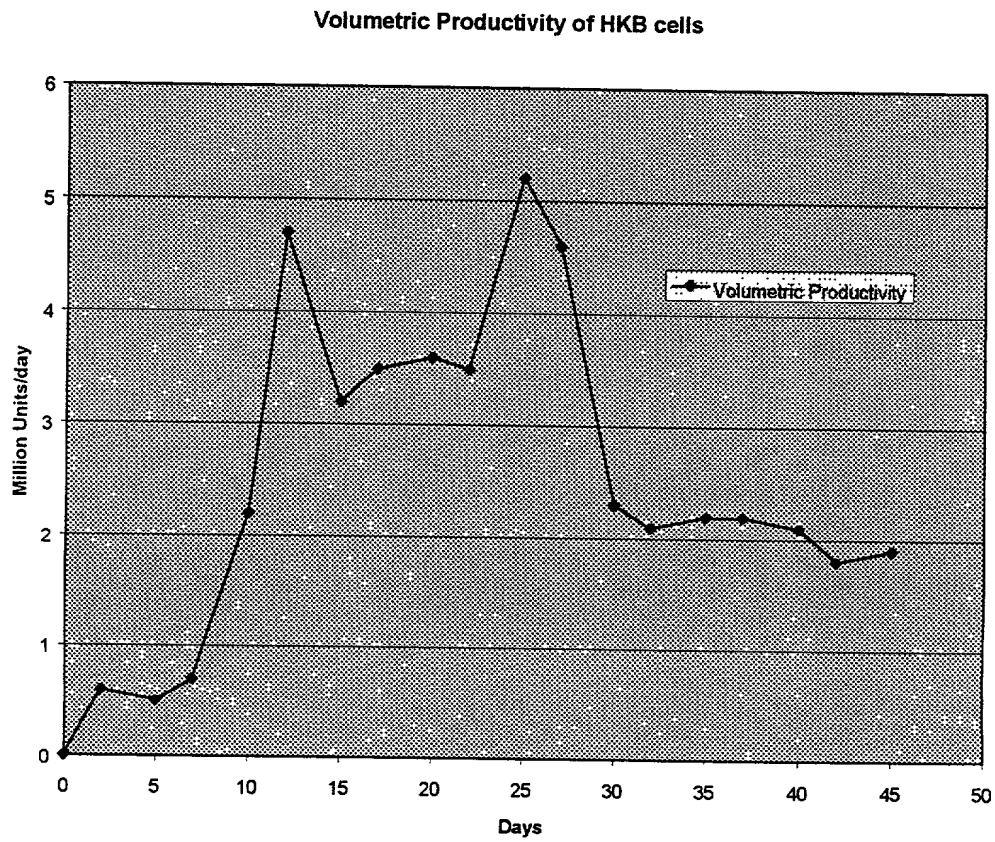


Fig._5